

INDEX TO THE GENUS CAREX

OF GRAY'S MANUAL.

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The following Index to the Genus Carex embraces all the species and varieties, and the synonymy of the same, as given in the last edition of Gray's Manual. A few are added from the first edition of the same. In it has been incorporated all the latest changes in nomenclature at present accessible. In the first columns are placed all the species with their varieties, arranged in alphabetical order, and numbered to correspond with the numbers of the Manual. Opposite to each species of the first column, are placed in the second, all the synonyms; and opposite each synonym of the first column is placed in the second the species All have numbers corresponding to the Manual. All the synonyms are in *italics*, and all the species are in ordinary type:

- 73. *abbreviata*, Schw., Boott.; 73. *Torreyi*, Tuckerman.
- 47. *acuta*, var. *vulgaris*, L.; 47. *vulgaris*, Fries.
- 49. *acuta*, var. *sparsiflora*, Dew?; 49. *torta*, Boott.
- 51. *acuta*, var. *erecta*, Dew; 51. *stricta*, Lam. (not of Good.)
- 51. *acuta*, Muhl., etc. not Linn.; 51. *stricta*, Lam. (not of Good.)
- 42. *adusta*, Boott. (not of former ed.); 42. *albo-lutescens*, Schw.
- 43. *adusta*, former ed., not of Boott; 43^a. *silicea*, Olney.
- 81. *aestivalis*, M. A. Curtis; 81. *virescens*, Muhl., var. *aestivalis*, Olney.
- 19. *alopecoidea*, Tuckerman; 19. *cephalophora*, var. *maxima*, Dew.
- 42. *albo-lutescens*, Schw.; { 42. *adusta*, Boott. (not of former ed.)
{ 42. *argyrantha*, Tuckerm.
- 45. *alata*, Torr.; (no syn.)
- 63. *alpina*, Swartz; 63. *Vahlii*, Schk.
- 92. *alba*, var. *setifolia*, Dew; 92. *eburnea*, Boott
- 142. *ampullacea*, var. *utriculata*, of former ed.; 142. *utriculata*, Boott.
- 149. *ampullacea*; 149. *miharis*, Mx., var. ? Olney.
- 51. *angustata*, Boott; 51. *stricta*, Lam. (not of Good.)
- 89. *anceps*, Willd., Schk.; 89. *laxiflora*, Lam. var. *intermedia*, Boott.
- 50. *aptera*, Boott; (no syn.)
- 48. *aquatica*, Wahl.; (no syn.)
- 38. *arida*, Schw. and Torr.; 38. *Muskingumensis*, Schw.
- 42. *argyrantha*, Tuckerm.; 42. *albo-lutescens*, Schw.
- 78. *aristata*, Dew., not R. Br.; 78. *Davisii*, Schw. and Torr.

106. *arctata*, Boott. ; 106. *sylvatica*, Dew., not of Hudson.
 124. *aristata*, R. Br. : { 124. *atherodes*, Spreng.
 { 124. *mirata*, Dew.
 { 124. *orthostachys*, (Eu.)
 62. *atrata*, L. , (no syn.)
 124. *atherodes*, Spreng. ; 124. *aristata*, R. Br.
 65. *aurea*, Nutt. ; 65. *pyriformis*, Schw.
 9. *Backii*, Boott. ; (no syn.)
 57. *Barrattii*, Schw. and Torr. ; 57. *littoralis*, Schw.
 132. *Bellavilla*, Dew. ; 132. *lupulina*, Muhl.
 46. *Bigelowii*, Torr. ; 46. *rigida*, Good., var.? *Bigelowii*.
 112. *binervis*, Dew., not of Smith ; 112. *fulva*, Good.
 89. *blanda*, Dew. ; 89. *laxiflora*, Lam.. var. *blanda*.
 110. *blepharophora*, Gray ; 110. *flexilis*, Rudge
 10. *bromoides*, Schk. ; (no syn.)
 15. *bracteosa*, Schw. ; 15. *vulpinoidea*, Michx.
 31. *Buckleyi*, Dew. ; 31^a. *vitilis*, Fries.
 61. *Buxbaumii*, Wahl. ; 61. *canescens*, L. (in part)
 147. *bullata*, Schk. ; 147. *cylindrica*, Schw., (in part) Tuck. etc.
 146. *bullata*, of authors, not Schk. ; 146. *Tuckermanii*, Boott.
 3. *capitata*, L. ; (no syn.)
 31. *canescens*, L. (in part.), { 31. *curta*, var. *brunnescens*, Pers.
 { 31. *curta*, Good. (Gray. ed. '31.)
 { 31. *Richardii*, Michx.
 31. *canescens*, var. *vitilis* ; 31^a. *vitilis*, Fries
 31. *canescens*, var. *apicola*, ed. 1 ; 31^a. *vitilis*, Fries
 31. *canescens*, var. *sphaerostachya*, ed. '1 ; 31^a. *vitilis*, Fries.
 47. *caespitosa*, of authors : 47. *vulgaris*, Fries.
 61. *canescens*, L., (in part) ; 61. *Buxbaumii*, Wahl.
 75. *Careyana*, Torr. ; (no syn.)
 109. *capillaris*, L. ; (no syn.)
 132. *Canadensis*, Dew. : 132. *lupulina*, Muhl.
 19. *cephalophora*, var. *maxima*, Dew. ; 19. *alopecoidea*, Tuckern.
 21. *cephalophora*, var. Torr. ; 21. *sparagnooides*, Muhl.
 23. *cephalophora*, Muhl. ; 23. *cephaloidea*, Dew (in part).
 23. *cephalophora*, var. *angustifolia*, Boott. ; 23. *Leavenworthii*, Dew.
 21. *cephaloidea*, Dew. (in part) ; 21. *sparagnooides*, Muhl.
 22. *cephaloidea*, Dew., (in part) Boott : (no syn.)
 23. *cephaloidea*, Dew. (in part) ; 23. *cephalophora*, Muhl.
 27. *chordorrhiza*, Ehrh. ; (no syn.)
 18. *conuncta*, Boott. ; 18. *vulpina*, former editions.
 70. *conoidea*, Cray. Gram. and Cyp.. not Schk. ; 70. *panicea*, L.,
 var. *tetanica*, Olney.
 75. *conoidea*, Schk. ; 75. *tetanica*, Schw. and Torr., not Schk.
 82. *costata*, Schw. ; 82. *virescens*, Muhl.
 126. *comosa*, Boott. , { 126. *furcata*, Ell., not of Lapeyr.
 { 126. *Pseudo-Cyperus*, Schw. and Torr., Dew.
 etc. in part, not of L.

108. *flexuosa*, Muhl.; 108. *debilis*, Michx.
 110. *flexilis*, Rudge; 110. *blepharophora*, Gray.
 114. *flava*, L.; (no syn.)
 44. *fœnea*, Willd.; (no syn.)
 43. *fœnea*, var. ? *ferruginea*, Boott.; (no syn.)
 43. *fœnea*, var. ? *sabulonum*, Boott., 43^a. *silicea*, Olney.
 79. *formosa*, Dew.; (no syn.)
 130. *folliculata*, Schw., Mich., not L.; 130. *intumescens*, Rudge.
 134. *folliculata*, L.; 134. *xanthophysa*, Wahl.
 6. *Fraseriana*, Sims; (no syn.)
 138. *Frankii*, Kunth; 138. *stenolepis*, Torr.
 89. *fusiformis*, Chapm.; 89. *laxiflora*, var. *styloflexa*, Boott.
 112. *fulva*, Goodwin.; 112. *binerris*, Dew., not of Smith.
 126. *furcata*, Ell., not Lapeyr.; 126. *comosa*, Boott.

 31. *Gebhardi*, Hoppe; 31^a. *vitilis*, Fries.
 140. *gigantea*, Rudge.; (no syn.)
 107. *glabra*, Boott.; (no syn.)
 57^a. *glaucescens*, Ell.; (no syn.)
 57. *glaуca*, Scop. (Gray ed. 1. '50); 57. *littoralis*, Schw.
 47. *Goodenovii*, Gay. (Gr. ed. 1. '44); 47. *vulgaris*, Fries.
 28. *gracilis*, ed. 1, not Ehrh.; 28. *tenella*, Schk.
 66. *Gravana*, Dew.; 66. *livida*, Willd.
 72. *granularis*, Muhl.; (no syn.)
 76. *grisea*, Wahl., { 76. *laxiflora*, Schk., not of Lam.
 { 76. *flaccosperma*, Dew. (Gr. ed. 1. '65).
 77. *grisea*, var. *mutica*, former ed.; 77. *flaccosperma*, Dew.
 80. *gracillima*, Schw.; 80. *digitalis*, Schw. and Torr., not Willd.
 111. *Greeniana*, Dew.; 111. *laevigata*, Smith.
 131. *Grayii*, Carey; (no syn.)
 1. *gynocrates*, Wormskiold; (no syn.)
 55. *gynandra*, Schw. Anal. Tab. (Gr. ed. '44); 55. *crinita*, Lam.
 56. *gynandra*, Schw., Boott.; (no syn.)

 16. *Halei*, Dew.; 16. *Nuttallii*, Schw.
 119. *Halscyana*, Dew. and ed. 1; (119). 68. *panicea*, var. *scariosa*,
 Olney.
 139. *Hartii*, Dew.; 139. *retrorsa*, Schw. var. *Hartii*.

 71. *heterostachya*, Torr.; 71. *microdonta*, Torr.
 83. *hirsuta*, Willd.; 83. *triceps*, Michx.
 83. *hirsuta*, var. *pedunculata*, Schw. and Torr.; 83. *triceps*, var.
 91. *Hitchcockiana*, Dew.; (no syn.)
 21. *Houghtonii*, Torr.; (no syn.)
 144. *hyalina*, Boott.; 44. *straminea*, var. *Crawei*, Boott.
 128. *hystricina*, Willd.: 128. *Cooleyi*, Dew.

12. *intermedia*, Good.; 12. *disticha*, Hudson.
 130. *intumescens*, Rudge; 130. *folliculata*, Schk., Michx., not L.
 115. *irregularis*, Schw.; 115. *viridula*, Michx.
 60. *irrigua*, Smith; { 60. *Magellanica*, Lam., according to Boott.
 { 60. *limosa*, var. *irrigua*, Wahl.
 { 60. *paupercula*, Michx.
 { 60. *lenticularis*, Dew., not Michx. (Gr. ed. 1. 52).
 8. *Jamesii*, Schw.; 8. *Stendelii*, Kunth.
 105. *Knieskernii*, Dew.; (no syn.)
 40. *lagopodioides*, Schk.; (no syn.)
 40. *lagopodioides*, var. *cristata*, Carey; 41. *cristata*, Schw.
 41. *lagopodioides*, var. { 41. *cristata*, var. *mirabilis*, Boott.
 { 41. *festucacea*, var. *mirabilis*, former ed.
 { 41. *mirabilis*, Olney, Dew.
 84. *latifolia*, Schk.; 84. *plantaginea*, Lam.
 76. *laxiflora*, Schk., not Lam.; 76. *grisea*, Wahl.
 89. *laxiflora*, Lam.; 89. *striatula*, Michx.
 89. *laxiflora*, var. *styloflexa*, Boott; { 89. *styloflexa*, Dew.
 { 89. *fusiformis*, Chapm.
 89. *laxiflora*, var. *plantaginea*, Boott; { 89. *laxiflora*, var. *patulifolia*, former ed.
 { 89. *plantaginea*, Schk.
 89. *laxiflora*, var. *intermedia*, Boott; 89. *anceps*, Willd., Schk.
 89. *laxiflora*, var. *blanda*, Boott; { 89. *blanda*, Dew.
 89. *laxiflora*, var. *latiflora*, Boott; (no syn.)
 89. *laxiflora*, var. *patulifolia*, form. ed.; 89. *laxiflora*, var. *plantaginea*, Boott.
 89. *laxiflora*, var. *striatula*, ed. 2.; 89. *laxiflora*, var. *blanda*, Boott.
 111. *lævigata*, Smith; 111. *Greeniana*, Dew.
 117. *lanuginosa*, Michx.; 117. *pellita*, Muhl.
 122. *lacustris*, Willd. and former ed.; 122. *riparia*, Curtis.
 4. *leucoglochin*, Ehrh.; 4. *pauciflora*, Lightfoot.
 5. *leptalea*, Wahl.; 5. *polytrichoides*, Muhl.
 23. *Leavenworthii*, Dew.; 23. *cephalophora*, Muhl. var. *angustifolia*, Boott.
 52. *lenticularis*, Michx.; (no syn.)
 60. *lenticularis*, Dew., not Michx. (Gr. cd. 1. 52.); 60. *irrigua*, Smith.
 47*. *limula*, Fries?; (no syn.)
 57. *littoralis*, Schw.; { 57. *recurva*, Huds. (Gr. ed. 1. 50.).
 { 57. *Barrattii*, Schw. and Torr.
 { 57. *flacca*, former editions.
 58. *limosa*, L.; (no syn.)
 60. *limosa*, var. *irrigua*, Wahl.; 60. *irrigua*, Smith.
 66. *limosa*, var. *livida*, Wahl.; 66. *livida*, Willd.
 66. *livida*, Willd.; { 66. *limosa*, var. *livida*, Wahl.
 { 66. *Grayana*, Dew.

28. *loliacea*, Schk. Suppl. not L.; 28. *tenella*, Schk.
 151. *longirostris*, Torr.; 151. *Sprengelii*, Dew.
 132. *lupulina*, Muhl. { 132. *lurida*, Wahl.
 { 132. *Canadensis*, Dew.
 { 132. *Bellavilla*, Dew.
 133. *lupulina*, var. *polystachya*, Schw. and Torr.; 133. *lupuliformis*,
 Sartwell.
 132. *lurida*, Wahl.; 132. *lupulina*, Muhl.
 133. *lupuliformis*, Sartwell; 133. *lupulina*, var. *polystachya*, Schw.
 and Torr.
 54. *maritima*, Vahl.; 54. *paleacea*, Wahl.
 60. *Magellanica*, Lam., accord. to Boott.; 60. *irrigua*, Smith.
 97. *marginata*, Muhl.; 97. *Pennsylvanica*, Lam.
 69. *Meadii*, Dew.; 69. *panicea*, L. var. *Meadii*, Olney.
 2. *Michauxii*, Schw.; 2. *scirpoidea*, Michx.
 5. *microstachya*, Michx.; 5. *polytrichoides*, Muhl.
 15. *microsperma*, Wahl.; 15. *vulpinoidea*, Michx.
 102. *miliacea*, Muhl.; 102. *prasinia*, Wahl.
 41. *mirabilis*, Dew.; 41. *lagopodioides*, Schk. var. *mirabilis*, Olney.
 149. *miliaris*, Michx. var. ? Olney; 149. *rotundata*, Wahl. ?
 150. *miliaris*, Michx.; 150. *pulla*, Good. ? var. ? *miliaris*, Gr.
 124. *mirata*, Dew.; 124. *aristata*. R. Br.
 136. *Michauxii*, Dew: 136. *subulata*, Michx.
 71. *microdonta*, Torr.; { 71. *Cruwei*, Dew.
 { 71. *heterostachya*, Torr.
 143. *monile*, Dew, 1845, not Tuckerm.; 143. *Vaseyi*, Dew.
 144. *monile*, Tuckerman; 144. *vesicaria*, var. *alpigena*, Fries.
 15. *multiflora*, Muhl.; 15. *vulpinoidea*, Michx.
 20. *muricata*, L.; (no syn.)
 21. *muricata*, var. *cephaloidea*, Dew; 21. *sparganioides*, Muhl.
 24. *Muhlenbergii*, Schk.; (no syn.)
 24. *Muhlenbergii*, var. *enervis*, Boott; (no syn.)
 38. *Muskingumensis*, Schw.; 38. *arida*, Schw. and Torr.
 25. *neglecta*, Tuckerin.; 25. *rosea*, Schk., var. *radiata*, Dew.
 96. *Novaë-Anglie*, var. *Emmonsii*, ed. 2: 96. *Emmonsii*, Dew.
 96^a. *nigro-marginata*, Schw.; (no syn.)
 46. *nigra*, Schw. and Torr., not All. (Gr. ed. 1. 42); 46. *rigida*,
 Good.
 31. *Norvegica*, Schk.; (no syn.)
 95. *Novaë-Anglie*, Schw.; (no syn.)
 16. *Nuttallii*, Schw.; { 16. *crus corvi*, Shutt.
 { 16. *sicciformis*, Boott.
 { 16. *Halei*, Dew.
 148. *Oakesiana*, Dew; 148. *oligosperma*, Michx.
 115. *Oederi*, Ehrh.; 115. *viridula*, Michx.
 88. *oligocarpa*, Schw. and Torr., not Schk.; 88. *digitalis*, Willd.
 90. *oligocarpa*, Schk.; 90. *Sartwelliana*, Gay.

145. Olneyi, Boott; (no syn.)
 148. oligosperma, Michx.; 148. *Oakeisiana*, Dew.
 124. *orthostachys*, (Eu.); 124. aristata, R. Br.
4. pauciflora, Lighfoot; 4. *leucoglochin*, Ehrh.
 11. *pallida*, C. A. Meyer; 11. *siccata*, Dew.
 13. *paniculata*, var. *teretiuscula*, Wahl.; 13. *teretiuscula*, Good.
 14. *paniculata*, var. *decomposita*, Dew; 14. *decomposita*, Muhl.
 13. *paniculata*, var. *minor* (Gr. ed. 1 14); 13. *teretiscula*, Good.
 54. *paleacea*, Wahl; 54. *maritima*, Vahl.
 55. *paleacea*, of authors; 55. *crinita*, Lam. var. *morbida*, Carey.
 60. *puerula*, Michx.; 60. *irrigua*, Smith.
 78. *panicea*, L.; (no syn.)
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| 67. <i>panicea</i> , var. <i>refracta</i> , Olney; | { 67. <i>vaginata</i> , Tausch.
67. <i>sparsiflora</i> , Fries.
67. <i>phaeostachya</i> , Smith. |
| 69. <i>panicea</i> , var. <i>Meadii</i> , Olney; | { 69. <i>Meadii</i> , Dew.
69. <i>panicea</i> , chiefly former ed. |
| 70. <i>panicea</i> , var. <i>tetanica</i> , Olney; | { 70. <i>tetanica</i> , Schk.
70. <i>conoidea</i> , Gray, Gram. and Cyp.
70. <i>Woodii</i> , Dew. [not of Schk.] |
| 119. <i>panicea</i> , var. <i>scariosa</i> , Olney; | { 119. <i>polymorpha</i> , Muhl. (in part).
119. <i>Halseyanana</i> , Dew and ed. 1.
119. <i>striata</i> , Torr. |
74. *pallescens*, L.; (no syn.)
 74. *pallescens*, var. *undulata*, Gr.; 74. *undulata*, Kunze.
 123. *paludosæ*, Good.; (no syn.)
 31. *Persoonii*, Sieber; 31. *vitis*, Fries.
 93. *pedunculata*, Muhl.; (no syn.)
 97. *Pennsylvanica*, Lam.; 97. *marginata*, Muhl.
 98. *Pennsylvanica*, var. *Muhlenbergii*, Gray, Gram. and Cyp.; 98. *varia*, Muhl.
 117. *pelita*, Muhl.; 117. *lanuginosa*, Michx.
 67. *phaeostachya*, Smith; 67. *panicea*, var. *refracta*, Olney.
 84. *plantaginea*, Lam.; 84. *latifolia*, Schk.
 89. *plantaginea*, Lam.; 89. *laxiflora*, var. *plantaginea*, Boott.
 86. *platyphylla*, Carey; (no syn.)
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| 5. <i>polytrichoides</i> , Muhl.; | { 5. <i>leptalea</i> , Wahl.
5. <i>microstachya</i> , Mich. |
| 15. <i>polymorpha</i> , Schw.; | 15. <i>vulpinoidea</i> , Michx. |
| 119. <i>polymorpha</i> , Muhl. (in part); | 119. <i>panicea</i> , L. var. <i>scariosa</i> , Olney. |
| 120. <i>polymorpha</i> , ed. 1; | 120. <i>striata</i> , Michx. (not of ed 1.) |
| 13. <i>prairica</i> , Dew; | 13. <i>teretiuscula</i> , var. <i>major</i> , Koch. |
| 99. <i>praecox</i> , Jacq.; | 99. <i>verna</i> , Villars, Dew., not of Schk. |
| 102. <i>prasina</i> , Wahl.; | 102. <i>miliacea</i> , Muhl. |
| 126. <i>Pseudo-Cyperus</i> , Schw. and Torr., Dew, etc. in part, not L.; | 126. <i>comosa</i> , Boott. |
| 127. <i>Pseudo-Cyperus</i> , L.; (no syn.) | |
| 101. <i>pubescens</i> , Muhl.; | (no syn.) |

150. *pulla*, Good. ? ; { 150. *saxatilis*, L. (in part.)
150. *rigida*.
150. *pulla*, var. ? *miliaris*, Gray ; 150. *miliaris*, Michx.
65. *pyriformis*, Schw. ; 65. *aurea*, Nutt.
59. *rariiflora*, Smith ; (no syn.)
26. *retroflexa*, Muhl. ; 26. *rosea*, Schk. var. Olney.
87. *retrocurva*, Dew ; (no syn.)
139. *retrorsa*, Schw. ; 139. *reversa*, Spreng.
139. *retrorsa*, var. *Hartii*, Gray ; 139. *Hartii*, Dew.
139. *reversa*, Spreng. ; 139. *retrorsa*, Schw.
57. *recurva*, Huds. (Gr. ed. 1.50) ; 57. *littoralis*, Schw.
31. *Richardii*, Michx. ; 31. *canescens*, L. (in part.)
46. *rigida*, Good. ; { 46. *nigra*, Schw. and Torr., not All. (Gr. ed. 1.42)
46. *saxatilis*, Fl. Dan., partly of L.
46. *rigida*, var. ? *Bigelovii*, Gr. ; { 46. *Bigelovii*, Torr.
46. *Washingtonia*, Dew.
150. *rigida*, L. (in part) ; 150. *pulla*, Good ?
100. *Richardsonii*, R. Br. ; (no syn.)
122. *riparia*, Curtis ; 122. *lacustris*, Willd. and former ed.
25. *rosea*, Schk. ; 25. *disperma*, Kunze (not Dew), (Gr. ed. 1. 25).
25. *rosea*, var. *minor*, Boott ; (no syn.)
2. *rosea*, var. *radiata*, Dew ; 25. *neglecta*, Tuckerm.
26. *rosea*, var. Olney; { 26. *rosea*, var. *retroflexa*, Torr. Cyp.
26. *retroflexa*, Muhl.
26. *rosea*, var. *retroflexa*, Torr. Cyp. ; 26. *rosea*, var. Olney.
129. *rostrata*, Muhl., not Michx. ; 129. *tentaculata*, Muhl.
135. *rostrata*, Michx. ; (no syn.)
149. *rotundata*, Wahl. ? ; 149. *miliaris*, Michx. var. ? Olney.
12. *Sartwellii*, Dew, and former editions ; 12. *disticha*, Hudson.
46. *saxitilis*, Fl. Dan., partly L. ; 46. *rigida*, Good.
53. *salina*, Wahl. ; (no syn.)
90. *Sartwelliana*, Gay ; 90. *oligocarpa*, Schk.
150. *saxatilis*, L. ; 150. *pulla*, Good. ?
2. *scirpoidea*, Michx. ; { 2. *Wormskjoldiana*, Hornem.
2. *Michauxii*, Schw.
36. *scirpoidea*, Schk. ; 36. *stellulata*, L. var. *scirpoidea*, Gr.
39. *scoparia*, Schk. ; (no syn.)
39. *scoparia*, var. *minor*, Boott ; (no syn.)
103. *scabrata*, Schw. (no syn.)
141. *Schweinitzii*, Dew ; (no syn.)
64. *Shortiana*, Dew ; (no syn.)
138. *Shortii*, Steud., not Torr. ; 138. *stenolepis*, Torr.
11. *siccata*, Dew ; 11. *pallida*, C. A. Meyer.
16. *sicciformis*, Boott ; 16. *Nuttallii*, Schw.
43*. *silicea*, Olney ; { 43*. *fœnea*, var. ? *sabulonum*, Boott.
43*. *adusta*, former ed. not Boott.

21. *sparaganioides*, Muhl. ; { 21. *cephalophora*, var., Torr.
 21. *sparaganioides*, var. *minor*, Boott; } 21. *muricata*, var. *cephaloidea*, Dew.
 21. *sparaganioides*, var. *minor*, Boott; { 21. *cephaloidea*, Dew, (in part).
 } 21. *divulsa*, Pursh, not Good. (prob)
- 31*. *sphaerostachya*, Dew; 31*. *vitis*, Fries.
 67. *sparsiflora*, Fries; 67. *panicea*, L., var. *refracta*, Olney.
 151. *Sprengelii*, Dew; 151. *longirostris*, Torr.
 137. *squarrosa*, L.; 137. *typhina*, Michx.
 8. *Steudelii*, Kunth; 8. *Jamesii*, Schw.
 17. *stipata*, Muhl. ; 17. *vulpinidea*, Torr. Cyp., not Michx.
 35. *sterilis*, Willd. ; 35. *stellulata*, var. *sterilis*, form. ed.
 35. *stellulata*, var. *sterilis*, former ed. ; 35. *sterilis*, Willd.
 36. *stellulata*, L.; (no syn.)
 36. *stellulata*, var. *scirpoides*, Gr.; 36. *scirpoides*, Schk.
 36. *stellulata*, var. *angustata*, Gr.; (no syn.)
 44. *straminea*, Schk.; (no syn.)
 44. *straminea*, var. *typica*, Boott; (no syn.)
 44. *straminea*, var. *festucacea*, Boott; 44. *festucacea*, Schk. and form. ed.
 44. *straminea*, var. *Crawei*, Boott; { 44. *straminea*, var. *hyalina*,
 } Boott.
 { 44. *hyalina*, Boott.
 44. *straminea*, var. *Meadii*, Boott.; (no syn.)
 44*. *straminea*, var. *aperta*, Boott; 44*. *tenera*, Dew. var. *major*,
 Olney.
 44*. *straminea*, var. *tenera*, Boott; 44*. *tenera*, Dew.
 44. *straminea*, var. *hyalina*, Boott; 44 *straminea*, var. *Crawei*,
 Boott.
 51. *acuta*, Muhl. etc., not L.
 51. *Virginiana*, Smith, in Rees' Cyclo.
 51. *stricta*, Lam. (not Good.); { 51. *acuta*, var. *erecta*, Dew.
 } 51. *angustata*, Boott.
 { 51. *xeroarpa*, S. H. Wright, in Dew.
 } Cat. (prob.)
 51. *stricta*, var. *strictior*, Gr.; 51. *strictior*, Dew.
 51. *strictior*, Dew; 51. *stricta*, var. *strictior*, Gray.
 89. *styloflexa*, Dew; 89. *laxiflora*, Lam. var. *styloflexa*, Boott.
 89. *striatula*, Michx.; 89. *laxiflora*, Lam.
 119. *striata*, Torr., Fl. N. Y., not Michx.; 119. *panicea*, L. var. *scar-
 iosa*, Olney.
 120. *striata*, Michx. (not ed. 1.), 120. *polymorpha*, ed. 1.
 125. *striata*, ed. 1, not Michx.; 125. *trichocarpa*, Muhl.
 138. *stenolepis*, Torr.; { 138. *Frankii*, Kunth.
 } 138. *Shortii*, Steud., not Torr.
 104. *Sullivantii*, Boott; (no syn.)
 136. *subulata*, Michx.; { 136. *Collinsii*, Nutt.
 } 136. *Michauxii*, Dew.
 37. *synocephala*, Carey; 37. *cyperoides*, Dew, not L.
 106. *sylvatica*, Dew, not Hudson; 106. *arctata*, Boott.

13. *teretiuscula*, Good. ; { 13. *paniculata*, var. *teretiuscula*, Wahl.
13. *paniculata*, var. *minor*, (Gr. ed. 1. 14.)
13. *teretiuscula*, var. *major*, Koch. ; { 13. *Ehrhartiana*, Hoppe.
13. *prairica*, Dew.
28. *loliacea*, Schk., suppl., not L.
28. *tenella*, Schk.; { 28. *disperma*, Dew.
28. *gracilis*, ed. 1., not Ehrh.
30. *tenuiflora*, Wahl. ; (no syn.)
31. *tenella*, Ehrh. ; 31. *vitis*, Fries.
44^a. *tenera*, Dew ; { 44^a. *straminea*, var. *tenera*, Boott.
44^a. *festucacea*, var. *tenera*, former ed. (in part).
44^a. *tenera*, var. *major*, Olney. ; 44^a. *straminea*, var. *aperta*, Boott.
75. *tetanica*, Schw. and Torr., not Schk.; 75. *conoidea*, Schk.
70. *tetanica*, Schk.; 70. *panicea*, L. var. *tetanica*, Olney.
108. *tenuis*, Rudge; 108. *debilis*, Michx.
129. *tentaculata*, Muhl.; 129. *rostrata*, Muhl., not Michx.
129. *tentaculata*, var. *gracilis*, Boott; (no syn.)
129. *tentaculata*, var. *alatior*, Boott; (no syn.)
49. *torta*, Boott; 49. *acuta*, var. *sparsiflora*, Dew?
73. *Torreyi*, Tuckerman; 73. *abbreviata*, Schw., Boott.
78. *Torreyana*, Dew., 78. *Davisii*, Schw. and Torr.
29. *trisperma*, Dew.; (no syn.)
83. *triceps*, Michx.; { 83. *hirsuta*, Willd.
83. *viridula*, Schw. and Torr., not Michx.
83. *hirsuta*, var. *pedunculata*, Schw. and Torr.
125. *trichocarpa*, Muhl.; 125. *striata*, ed. 1, not Michx.
125. *trichocarpa*, var. *inberbis*, Gray; (no syn.)
146. *Tuckermani*, Boott; { 146. *bullata*, of authors, not Schk.
146. *cylindrica*, former edition.
137. *typhina*, Michx.; 137. *squarrosa*, L.
74. *undulata*, Kunze.; 74. *pallescens*, L. var. *undulata*, Gray.
94. *umbellata*, Schk.; (no syn.)
142. *utriculata*, Boott; 142. *ampullacea*, var. *utriculata*, former ed.
63. *Vahlii*, Schk.; 63. *alpina*, Swartz.
67. *vaginata*, Tausch.; 67. *panicea*, var. *refracta*, Olney.
88. *Vanleekii*, Schw.; 88. *digitalis*, Willd.
98. *varia*, Muhl.; 98. *Pennsylvanica*, var. *Muhlenbergii*, Gray,
Gram and Cyp.
143. *Vaseyi*, Dew. { 143. *monile*, Dew, in 1845, not Tuckerman.
143. *vesicaria*, var. *cylindracea*, Dew.
99. *verna*, Villars, Dew, not Schk.; 99. *praecox*, Jacq.
118. *vestita*, Willd. ; (no syn.)
143. *vesicularia*, var. *cylindracea*, Dew.; 143. *Vaseyi*, Dew.
144. *vesicularia*, var. *alpigena*, Fries; 144. *monile*, Tuckerman.

- 31^a. *vitimis*, Fries; { 31^a. *canescens*, L. var. *vivilis*, Gray.
 31^a. *canescens*, var. *alpicola*, ed. 1.
 31^a. *canescens*, var. *sphaerostachya*, ed. 1.
 31^a. *tenella*, Ehrh.
 31^a. *Persoonii*, Sieber.
 31^a. *Gebhardii*, Hoppe.
 31^a. *sphaerostachya*, Dew.
 31^a. *Buckleyi*, Dew.
 51. *Virginiana*, Smith, in Rees' Cyclo.; 51. *stricta*, Lam. (not of Good.)
 82. *virescens*, Muhl.; 82. *costata*, Schw.
 81. *virescens*, var. *aestivalis*, Olney; 81. *aestivalis*, M. A. Curtis.
 83. *viridula*, Schw. and Torr., not Michx.; 83. *triceps*, Michx.
 115. *viridula*, Michx.; { 115. *Œderi*, Ehrh.
 115. *irregularis*, Schw.
 47. *vulgaris*, Fries; { 47. *acuta*, var. *vulgaris*, L.
 47. *cæspitosa*, of authors.
 18. *vulpina*, former editions; 18 *conjuncta*, Boott.
 • { 15. *bracteosa*, Schw.
 15. *multiflora*, Muhl.
 15. *vulpinoidea*, Michx.; { 15. *microsperma*, Wahl.
 15. *polymorpha*, Schw.
 15. *setacea*, Dew.
 17. *vulpinoidea*, Torr. Cyp., not Michx.; 17. *stipata*, Muhl.
 46. *Washingtonia*, Dew.; 46. *rigida*, Good. var.? *Bigelovii*, Gray.
 7. *Willdenovii*, Schk.; (no syn.)
 2. *Wormskjoldiana*, Hornem.; 2. *scirpoidea*, Michx.
 70. *Woodii*, Dew.; 70. *panicea*, var. *tetanica*, Olney.
 77. *xanthosperma*, Dew.; 77. *flaccosperma*, Dew.
 134. *xanthophysa*, Wahl.; 134. *folliculata*, L.
 51. *xerocarpa*, S. H. Wright, in Dew. Cat., 51. *stricta*, var. *strictior*, Gray.